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PTO/SB/05 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Washington, DC 20231

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UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. TI-34845

First Inventor Madan

Title BITLINE PRECHARGE TIMING SCHEME TO IMPROVE SIGNAL MARGIN

Express Mail Label No. ET 952410093 US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit an original, and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification (preferred arrangement set forth below) [Total Pages **20**]
 - Descriptive title of the Invention
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total **4**]
Sheets
5. Oath or Declaration [Total **1**]
Pages
 - a. ☒ Newly Executed (original or copy)
 - b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
 - i. ☐ **DELETION OF INVENTOR(S)**
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
 - a. ☐ Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☐ paper
 - c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☒ Assignment Papers (cover sheet & documents(s))
10. ☒ 37 CFR 3.73(b) Statement (when there is an assignee) ☒ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☒ Information Disclosure Statement (IDS)/PTO-1449 ☒ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No. _____ / _____

Prior application information:

Examiner _____

Group / Art Unit: _____

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS



Customer Number or Bar Code Label

23494

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

NAME Texas Instruments Incorporated

ADDRESS

CITY

STATE

ZIP CODE

COUNTRY

TELEPHONE

972-917-5440

FAX

(972)917-4418

Name (Print/Type)

Robert N. Rountree

Registration No. (Attorney/Agent)

39,347

Signature

Robert N. Rountree

Date

11/18/03

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FEE TRANSMITTAL for FY 2003

Patent fees are subject to annual revision.

Express Mailing Label No.: EU 664690931 US

Complete If Known

Application Number	TBD
Filing Date	November 18, 2003
First Named Inventor	Madan
Examiner Name	TBD
Group Art Unit	TBD
Attorney Docket No.	TI-34845

TOTAL AMOUNT OF PAYMENT \$ 1442

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit
Account
Number

20-0668

Deposit
Account
Name

Texas Instruments Incorporated

☐ Charge Any Additional Fee Required
Under 37 CFR 1.16 and 1.17

☐ Applicant claims small entity status.
See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check

☐ Credit
card

☐ Money
Order

☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid
1001	740	201	355	Utility filing fee	\$740
1002	330	206	160	Design filing fee	
1003	510	207	245	Plant filing fee	
1004	740	208	355	Reissue filing fee	
1005	160	214	75	Provisional filing fee	
SUBTOTAL (1)					\$740

2. EXTRA CLAIM FEES

Extra Claims	Fee from below	Fee Paid
Total Claims 45	-20** = 25	18 = 450
Independent Claims 6	-3** = 3	84 = 252
Multiple Dependent		

Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description
1202	18	203	9	Claims in excess of 20
1201	84	202	40	Independent claims in excess of 3
1203	280	204	135	Multiple dependent claim, if not paid
1204	84	209	40	**Reissue independent claims over original patent
1205	18	210	9	**Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) \$702

**or number previously paid, if greater; For Reissue, see above

FEE CALCULATION (continued)

Large Entity Fee Code	Small Entity Fee Code	Fee Description	Fee Paid
1051	130	205 65	Surcharge - late filing fee of oath
1052	50	227 25	Surcharge - late provisional filing fee or cover sheet
1053	130	139 130	Non-Entity specification
1812	2,520	147 2,520	For filing a request for <i>ex parte</i> reexamination
1804	920*	112 920*	Requesting publication of SIR prior to Examiner action
1805	1,840*	113 1,840*	Requesting publication of SIR after Examiner action
1251	110	215 55	Extension for reply within first month
1252	400	216 195	Extension for reply within second month
1253	920	217 445	Extension for reply within third month
1254	1,440	218 695	Extension for reply within fourth month
1255	1,960	228 945	Extension for reply within fifth month
1401	320	219 155	Notice of Appeal
1402	320	220 155	Filing a brief in support of an appeal
1403	280	221 135	Request for oral hearing
1451	1,510	138 1,510	Petition to institute a public use proceeding
1452	110	240 55	Petition to revive - unavoidable
1453	1,280	241 620	Petition to revive - unintentional
1501	1,280	242 620	Utility issue fee (or reissue)
1502	460	243 220	Design issue fee
1503	620	244 300	Plant issue fee
1460	130	122 130	Petitions to the Commissioner
1807	50	123 130	Petitions related to Prov'l Apps (Proc. Fee under 37 CFR 1.17(q))
1806	180	126 180	Submission of information Disclosure Statement
8021	40	581 40	Recording each patent assignment per property (times no. of properties)
1809	740	246 355	Filing a submission after final rejection (37 CFR §1.129(a))
1810	740	249 355	For each additional invention to be examined (37 CFR §1.129(b))
1801	740	279 355	Request for Continued Examination (RCE)
1802	900	169 900	Request for expedited examination of a design application

Other fee (specify)

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type)	Robert N. Rountre	Registration No. (Attorney/Agent)	39,347	Telephone	(719) 783-0990
Signature	Robert N. Rountre	Date	11/18/03		

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